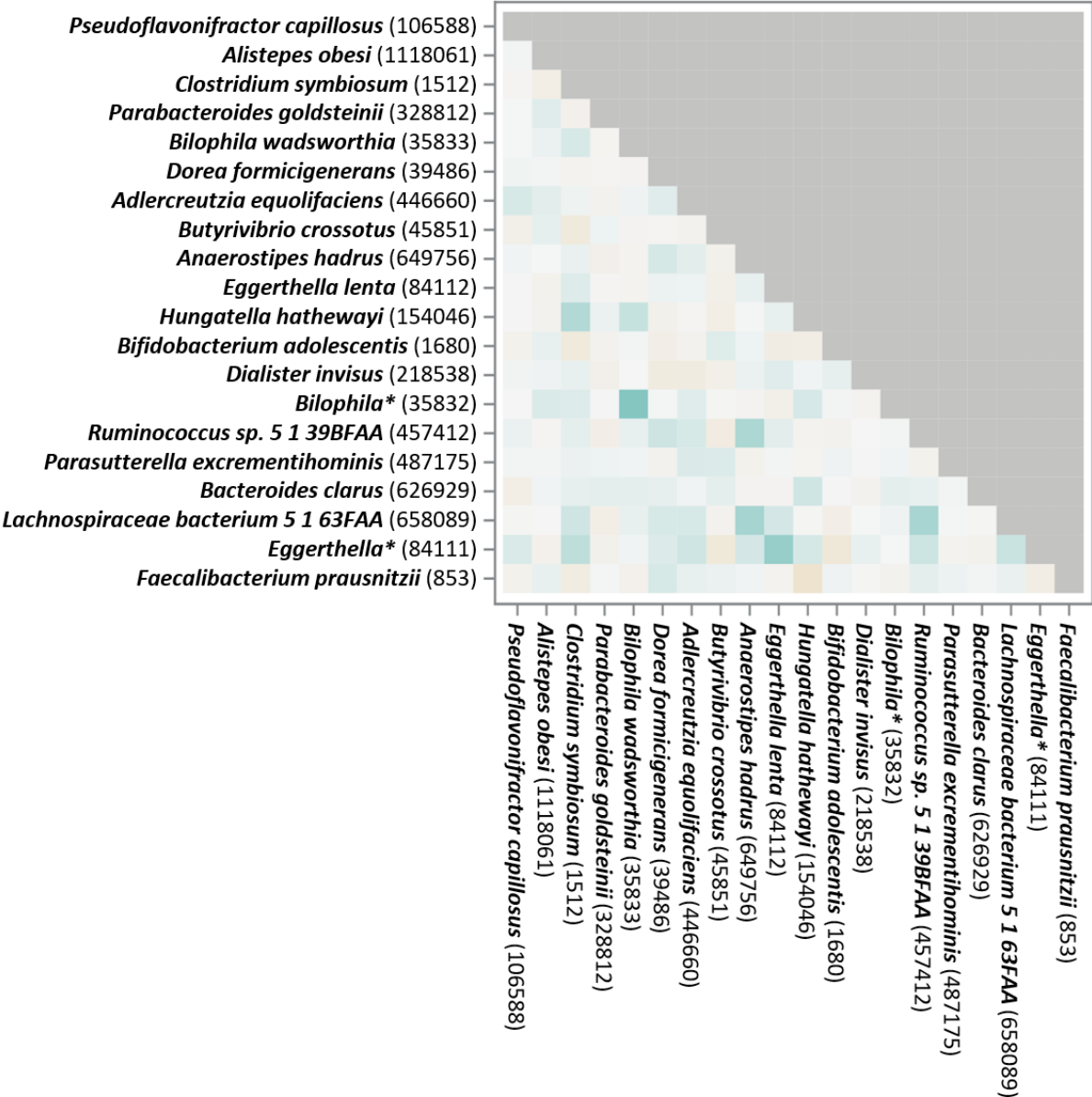
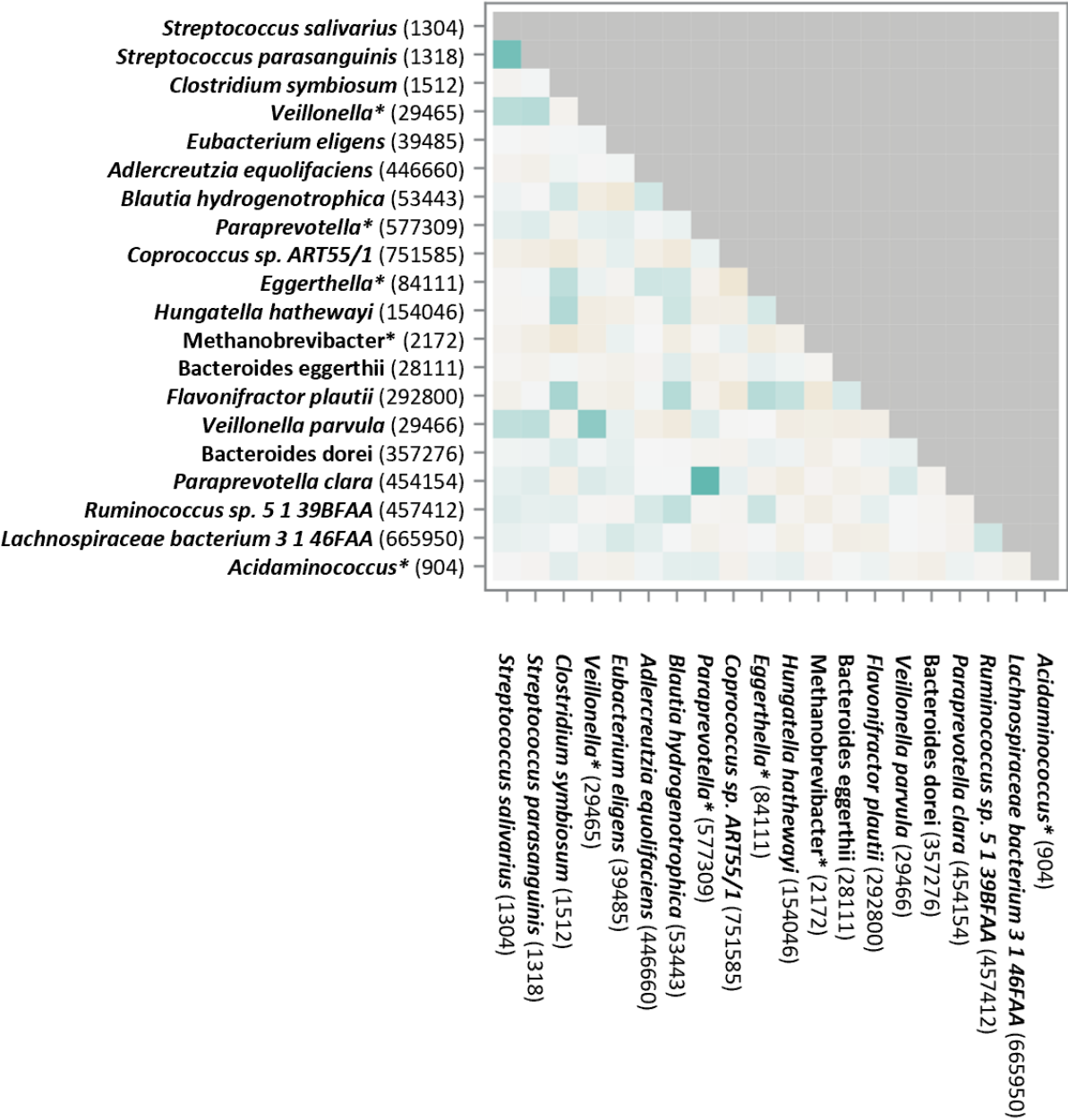


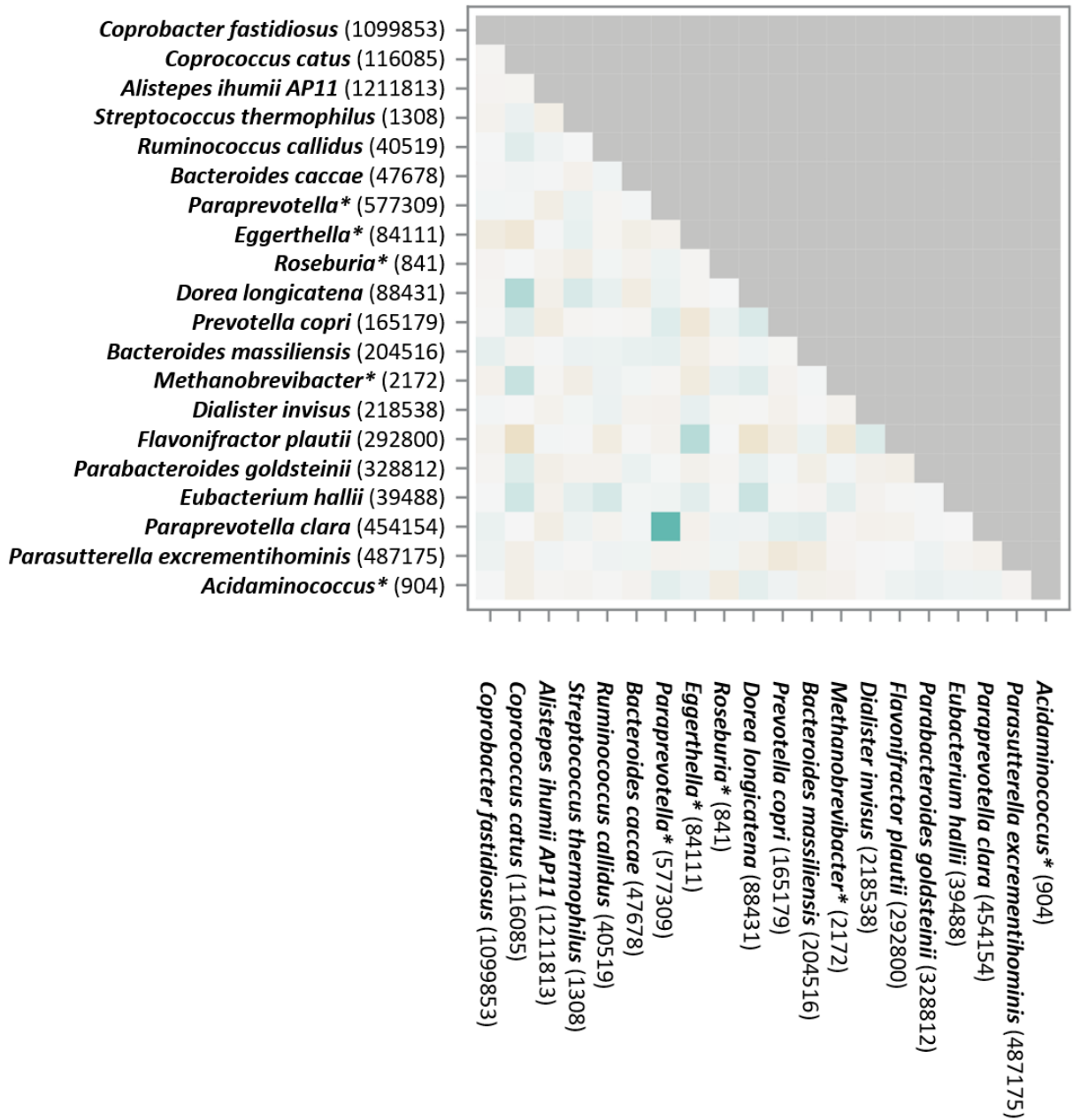
a)



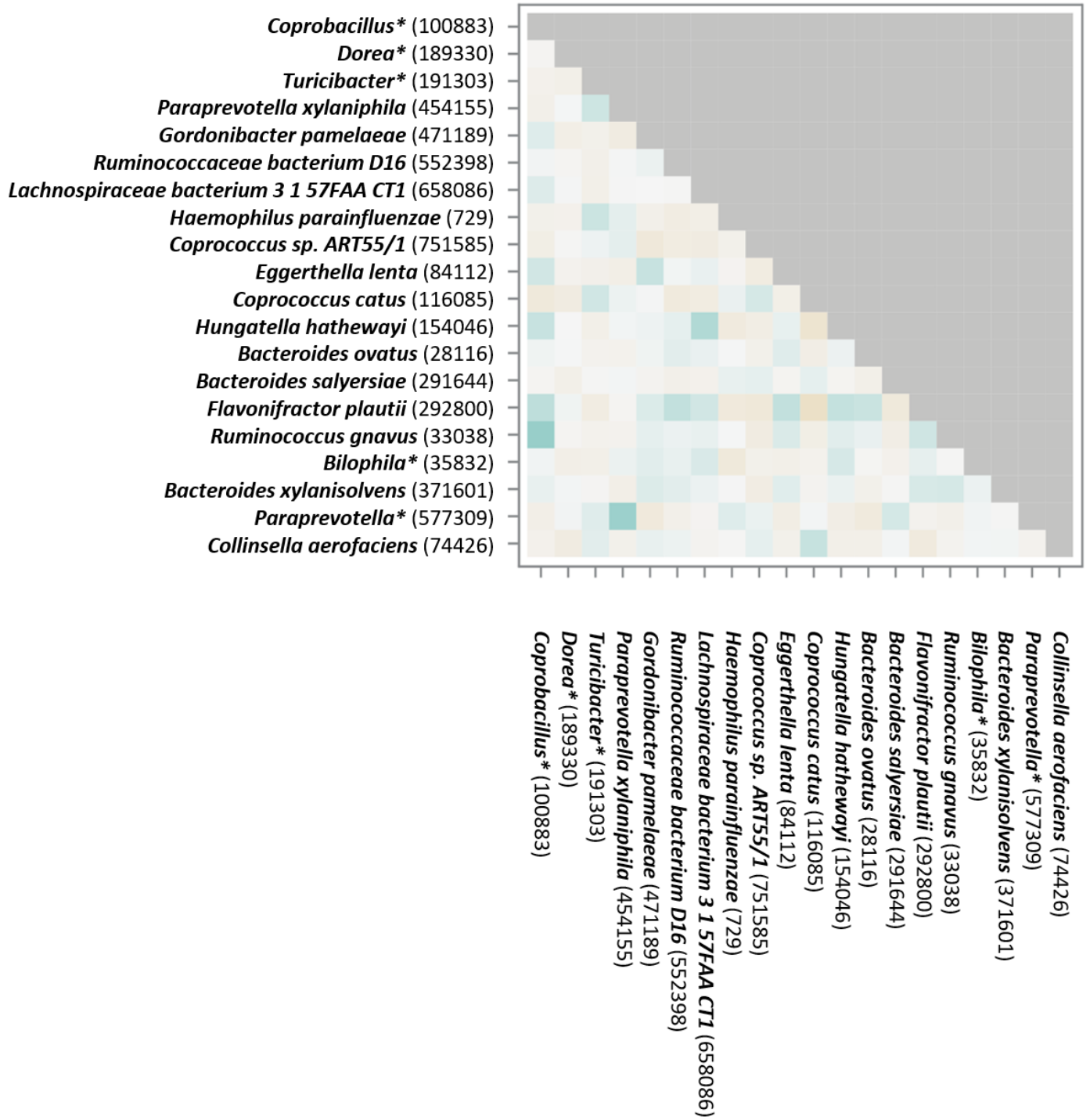
b)



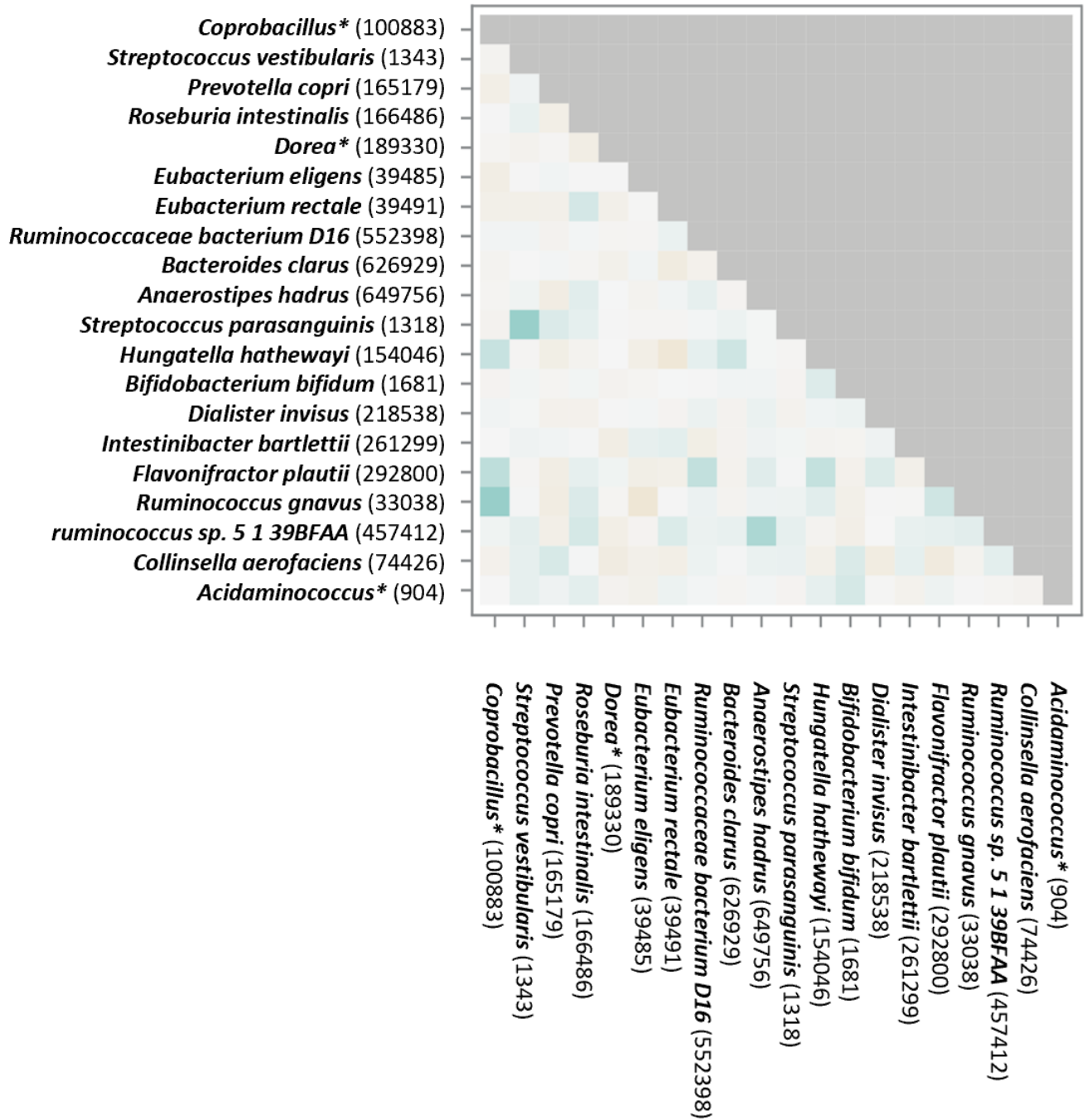
c)



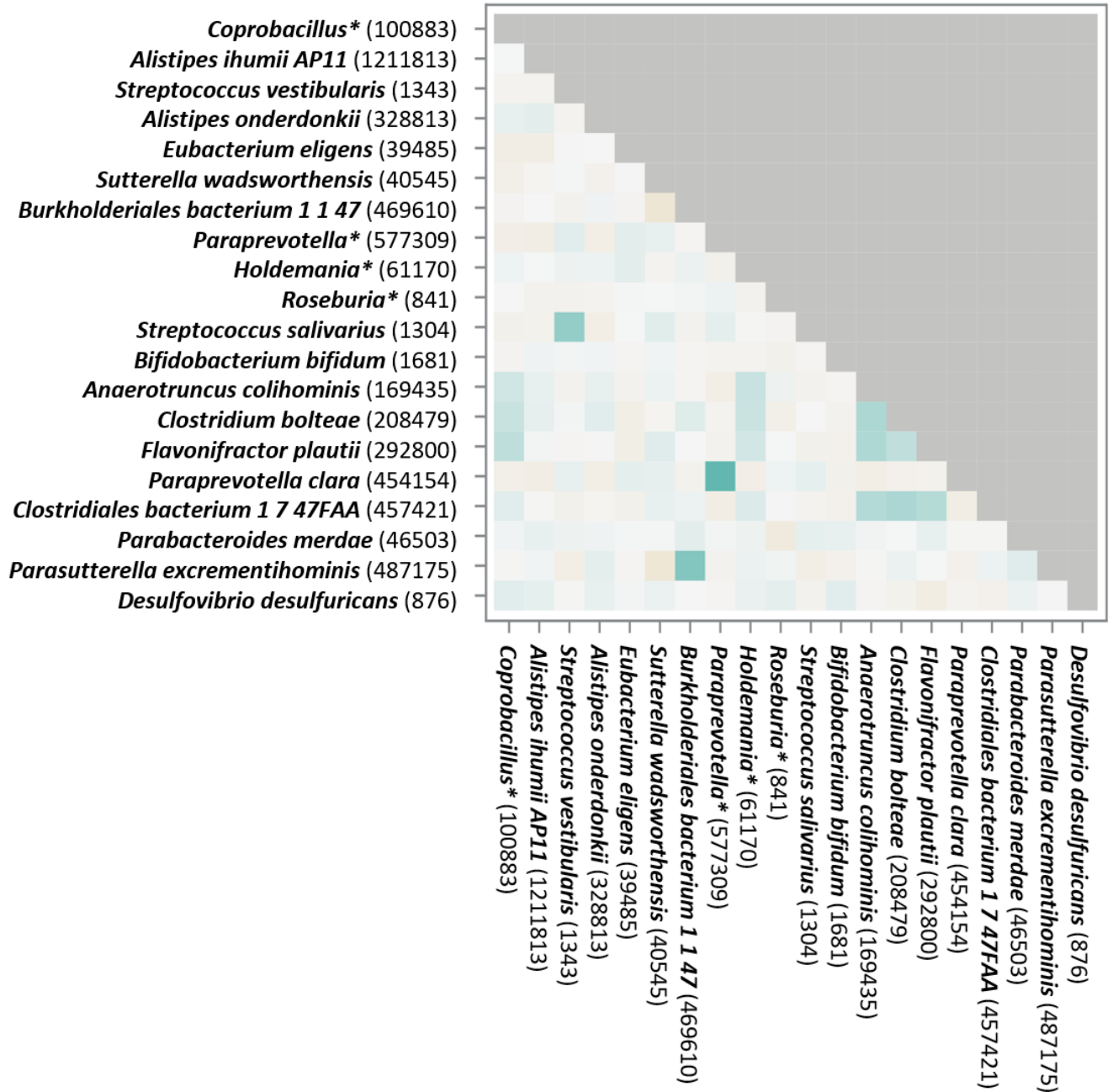
d)



e)



f)



Supplemental Figure 1: Correlation between the relative abundance of species comprising each Subclass-specific Microbiome Profile.

2a) *Correlation matrix of species comprising the Flavonol Microbiome Fingerprint Score.*

2b) *Correlation matrix of species comprising the Flavanol Monomer Microbiome Fingerprint Score.*

2c) *Correlation matrix of species comprising the Flavanol Polymer Microbiome Fingerprint Score.*

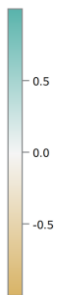
2d) *Correlation matrix of species comprising the Flavanone Microbiome Fingerprint Score.*

2e) *Correlation matrix of species comprising the Flavone Microbiome Fingerprint Score.*

2f) *Correlation matrix of species comprising the Anthocyanidin Microbiome Fingerprint Score*

n=247.

NCBI taxonomy identification numbers presented in parenthesis.



Legend: Spearman Rank correlation coefficient